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Instant collaboration via Pervasive Messaging

FIG. 1

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# Instant collaboration via Pervasive Messaging

## FIG. 1A
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IM Device
22

IM Network
14

IM Device
24
29

IM Server
25

Voice Mail System
20

Data
Network
28

Text
Translation
System
27

Instant
Collaboration
System
21

Speech-to-Text
Text-to-Speech
System
18

PSTN
12

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**FIG. 2**

**50**

RECEIVING A CALL FROM A CALLER TO A CALLEE — 52

TRANSFERRING THE CALL TO A VOICEMAIL SYSTEM WHEN THE CALLEE IS UNAVAILABLE — 54

DETERMINING IF THE CALLEE IS AVAILABLE VIA INSTANT MESSAGING — 56

QUERYING THE CALLER IF THEY WANT TO LEAVE ONE AMONG A VOICE MESSAGE AND AN INSTANT MESSAGE — 58

RECORDING A VOICE MESSAGE FROM THE CALLER TO THE CALLEE AND TRANSCRIBING THE VOICE MESSAGE TO A TEXT MESSAGE WHEN THE CALLER SELECTED THE INSTANT MESSAGE AS AN OPTION — 60

TRANSLATING THE TEXT MESSAGE TO PROVIDE A TRANSLATED TEXT MESSAGE — 62

SENDING THE TEXT MESSAGE (OR THE TRANSLATED TEXT MESSAGE) TO THE CALLEE VIA THE INSTANT MESSAGING SYSTEM — 64

QUERYING THE CALLER AS TO WHEN AN INSTANT MESSAGE SHOULD BE DELIVERED WHEN THE CALLER SELECTED THE INSTANT MESSAGE AS AN OPTION — 66

DELIVERING THE INSTANT MESSAGE TO THE CALLEE AT A PREDETERMINED SCHEDULED TIME AS DIRECTED BY THE CALLER — 68

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**FIG. 3**

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RECEIVING A TEXT MESSAGE HAVING A DESIGNATION FOR TEXT-TO-SPEECH CONVERSION VIA AN INSTANT MESSAGING SERVER, WHEREIN THE TEXT MESSAGE IS INTENDED FOR A PHONE COUPLED TO A VOICEMAIL SYSTEM — 72

RECOGNIZING THE DESIGNATION — 74

CONVERTING THE TEXT MESSAGE TO A VOICE MESSAGE — 76

CALLING THE PHONE — 78

DELIVERING THE VOICE MESSAGE TO THE USER OR VOICEMAIL SYSTEM — 80

ENABLING A SCHEDULED DELIVERY OF THE VOICE MESSAGE TO A USER — 82

DELIVERING THE VOICE MESSAGE TO A USER — 84

DELIVERING THE VOICE MESSAGE TO THE VOICEMAIL SYSTEM — 86